

DUAL SAW®

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CS 450

OWNER'S MANUAL

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WARRANTY ACTIVATION

Activating your warranty is required for coverage of warranty program and also for access to customer service for immediate response to your needs. Receive exclusive promotional offers.

Warranty Conditions: See Page 17.

**ACTIVATE ONLINE,
EMAIL COMPLETED ACTIVATION FORM**



First Name

Last name

Order Number / Invoice Number

E-mail address

VIP Member Card Number

Serial number of your machine

Purchase date

Send Completed Form by Email: customer.service@home-shopping-express.com
Warranty Activation Online: <http://www.dualsaw.co.uk>

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SAFETY INSTRUCTIONS AND WARNINGS

This machine complies with the prescribed safety regulations for electrical machines.

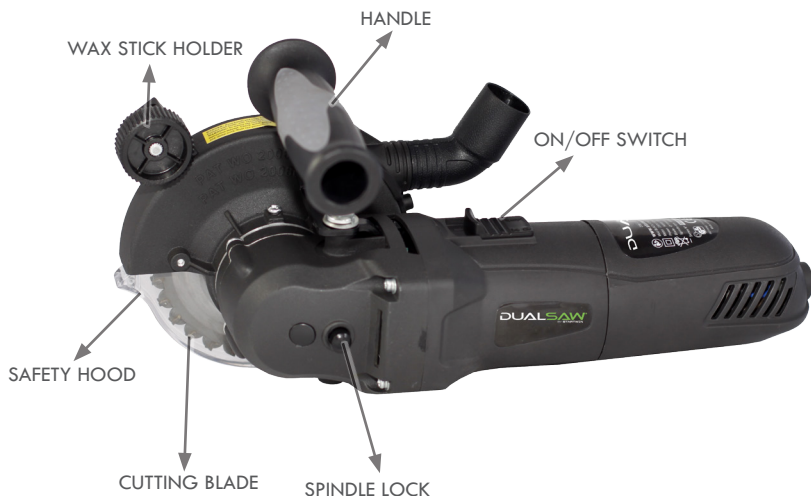
Read the operating manual carefully before using the machine.

Incorrect use may result in damage or injury to people and property. People who are not familiar with the manual must not be permitted to use the machine.

Keep the operating manual in a safe place.

Children and young people must not be permitted to use the machine.

MACHINE COMPONENTS



PROPER USAGE

- The machine is designed for cutting metal, stone and ceramics using the appropriate blades and accessories.
- If it is not used for the purpose for which it is designed or if any modifications are made to the machine, the manufacturer cannot accept any liability.
- Also refer to the safety instructions, the installation and operating manual, and the general accident prevention regulations.

GENERAL SAFETY INSTRUCTIONS

WORKPLACE

- Keep your workplace clean and well lit at all times to prevent accidents.
- Do not use electric machines in the vicinity of flammable liquids or gases, or in wet or damp environments. If you fail to follow this instruction, there is a risk of fire or explosion.
- Do not leave the machine running without supervision.
- Do not use the machine if you are tired or lack concentration, or your reactions are impaired due to the consumption of alcohol or medication.
- Inattentiveness can cause serious injuries.

ELECTRICAL SAFETY

- The mains voltage must be identical with the details on the machine's labeling.
- Avoid physical contact with earthed parts, for example pipes, radiators, stoves, refrigerators, etc. to prevent receiving an electric shock.
- Never carry the machine by its cable. Only pull the cable out of the socket using the plug. Always protect the cable from oil, heat and sharp edges. Damaged cables can cause an electric shock.
- Before starting work, check the machine and the mains cable for signs of damage.
- When you connect the mains plug, ensure that the main switch is not locked in its ON position.
- For outdoor use, use only extension cables that have been specifically approved for this purpose.
- If you use a cable drum, extend the whole cable to prevent the cable from overheating. Min. wire cross-section 1.5 mm².
- For working outdoors the socket must be fitted with a residual current-operated circuit-breaker (RCCB).
- Pull the plug when the machine is not in use or if you are making adjustments.
- The cable should always be guided to the rear away from the tool.

PERSONAL SAFETY

- Do not wear loose-fitting clothing or jewelry.
- Ensure that you have a safe place to stand and that you wear non-slip shoes.
- Wear a hair net if you have long hair.
- Loose-fitting clothing, jewelry and long hair may become caught in moving parts.
- Always wear safety goggles. Following this instruction will reduce the risk of serious injuries.
- Always wear a face or dust protection mask. Following this instruction will reduce the risk of serious injuries.
- Always wear ear protection. Following this instruction will reduce the risk of serious injuries.
- Do not distract anybody working on the machine. You may cause them to lose control of the tool.
- Do not use the machine if its ON/OFF switch is defective. An electric tool that cannot be switched ON or OFF is dangerous and must be repaired.
- Always switch on the machine before making contact with the material.
- Remove wrenches and setting tools before you switch on the machine.
- Do not overload the machine. If the speed falls, reduce the load on the machine or switch it off. Using suitable electric tools you can work more safely and better within the specified capacity range.
- Secure the work pieces to prevent them moving with the machine, for example using a clamp or a vice. Do not cut any work pieces that are too small to secure. If you hold the work piece with your hand, you will not be able to operate the tool safely.
- Keep electric tools out of the reach of children.

CAREFUL HANDLING AND USE OF ELECTRIC TOOLS

- Keep the tools clean and functional to enable you to work better and more safely with them.
- Use only accessories that have been recommended by the manufacturer.
- Never cut, drill or saw into concealed areas which may contain electric cables, gas or water pipes. Use suitable detection equipment to locate these cables and pipes.
- Do not cut materials that contain asbestos.
- Do not cut work pieces which are thicker than the maximum cutting depth of the cutting blade.
- Conduct an operating test of at least 30 seconds without loading the machine.
- Always switch off the machine and allow it to reach a standstill before you set it down.

SPECIAL SAFETY INSTRUCTIONS

Never reach into the sawing area or into the area surrounding the saw blade. Always hold the handle or motor casing with your other hand. If you use both hands to hold the saw it will reduce the risk of injury. Ensure that you hold the saw tightly at all times so

that you do not lose control of it. Never stand in line with the saw blade. Always stand to the right or left of the saw blade. Any recoil may result in the saw jumping backwards. Never reach below the work piece. The safety hood over the saw blade does not offer any protection from the saw blade underneath the work piece. Never remove sawn pieces whilst the saw blade is still turning. Before using the saw ensure that the pivot safety hood is in good working order. The pivot safety hood must move freely and must close immediately. The pivot safety hood must never be locked in its open position. If you have dropped the saw by accident, check the pivot safety hood for signs of damage and ensure that it is in good working order. To check this, open the pivot safety hood with the handle and ensure that the safety hood moves freely and that it does not touch the saw blade or other parts at any cutting angle or cutting depth. Check the condition and function of the return spring on the pivot safety hood at regular intervals. The saw must not be used if the spring and the safety hood are not in good working order. These components must be repaired before the saw may be used again. Resin deposits or dirt accumulations can cause the pivot safety hood to move more slowly. In this case, disconnect the machine from the mains supply, remove the saw blade and clean the safety hood and the hood area. The pivot safety hood may only be opened manually for special cuts, such as submersed (plunge) or shifting cuts. In this case open the pivot safety hood using the appropriate handle. The pivot safety hood must be released again as soon as the saw blade has engaged in the material. The use of the automatic pivot safety hood function must be used for all other cuts.

After you release the ON/OFF switch it will take a little time before the saw blade reaches a standstill. Before you put down the saw ensure that the pivot safety hood is completely closed and that the saw blade has reached a standstill. An unguarded, freely turning saw blade may cause the saw to catapult out of control. Never hold the work piece you wish to saw in your hand or place it on your leg. Always place work pieces in a vice or clamp. Always hold the machine using the insulated handles provided whilst it is in use. This will prevent the risk of a fatal electric shock if the saw blades come into contact with live cables. Never use normal carbide metal blades. Twin saw blades have a different shape. Normal saw blades will not fit the fastening device on the saw and may result in serious injuries. Never use damaged or non-fitting washers or bolts to fit the saw blade. Washers, bolts and flanges have been specially designed for this saw to ensure perfect operating safety and performance. Never move or carry the saw to a new location whilst it is running. If it comes into contact with your clothing there is a possibility that the pivot safety hood will open. Contact with the rotating saw blade can cause extremely serious injuries. Depending on how and for what purpose the saw is used, the service life of the ON/OFF switch may be shorter than that of the saw itself. If the switch breaks whilst the saw is in use, you may find that it is no longer possible to switch the saw off again. In both cases pull the mains plug out of the socket without delay. The saw must not be used again until it has been repaired by an expert. Always use a riving knife for sawing large panels. Remember at all times that it is possible for the saw to recoil. If the saw jams and is catapulted back at the user, this is known as a recoil (or kickback). Immediately release the switch if the saw jams or the saw blade becomes stuck. Do not use force to remove the saw from the material. Never pull the saw out of the material whilst the saw blade is

still moving. Do not use bent or torn saw blades. Do not solder or weld saw blade cracks or weld support parts with carbide metal teeth. Never slow down or stop the saw blades by exerting lateral pressure on them. Never use carbide metal-tipped saw blades with a residual height or thickness of less than 1 mm.

WARNING

Never use saw blade types other than those specified for use. This counter rotating twin blade saw is fitted with special saw blades. The use of other saw blades is not safe and may result in serious accidents.

Always ensure that the saw has reached its full speed before bringing it into contact with the material. If the saw is brought into contact with the material before it has reached its top speed, it may cause very serious injuries.

Always ensure that both saw blades engage simultaneously into the work piece. If the saw engages in a work piece on one side, there is a risk that the saw will suffer unexpected recoil and cause serious injury.

For angled cuts, do not position the saw at an angle so that only one blade engages in the work piece, but instead position it on the top so that both blades engage at the same time.

The side areas of the saw blades are not designed for cutting. When making cross cuts, therefore, ensure that the weight of the saw is not supported on the lower saw blade.

Instead support the saw by raising it slightly and securing the work piece in a clamp or vice. This will prevent unexpected recoil. When the machine is working it will generate dust which may be harmful, inflammable or explosive. Take suitable safety precautions. Wear a dust protection mask. Ensure that there is good ventilation in the workplace.

RECOIL (KICKBACK) – CAUSES AND PREVENTION

Incorrect use and/or incorrect working methods or conditions may cause the saw to recoil. The following action can be taken to prevent recoil. Always hold the saw with two hands. Adopt a posture in which your body and your arms can withstand the recoil force.

In the event that the saw blade becomes stuck in the work piece or a cut is interrupted for any reason whatsoever, release the ON/OFF switch immediately and leave the saw in the work piece until the saw blade has reached a complete standstill. Never take the saw out of a work piece whilst it is still running. This may cause the saw to recoil. Identify and rectify the cause of the saw becoming stuck.

When you reposition the saw on the material, the saw blade must be placed in the centre of the cut. Ensure that the saw's teeth do not engage in the material to the side of the cut. This may cause the saw to recoil. When sawing large panels please note that they will bend slightly under their own weight and this may cause the saw blades to become blocked, which can thus result in recoil. Support these panels using suitable equipment on both sides of the panel. Place the supports near the line along which you want to cut and close to the edge of the panel.

Never use damaged or blunt saw blades. As the saw blade wears, the kerfs created by

this saw blade will become too narrow, which will cause excessive friction resulting in the saw blade jamming and possibly recoil.

If you wish to cut into existing walls or other concealed areas, proceed with special care and caution. Since you cannot know what is behind the area you are cutting, you must anticipate recoil to occur at any time.

ADDITIONAL INSTRUCTIONS FOR HANDLING COUNTER-ROTATING DUAL BLADE SAWS

You must have read and understood all the instructions in this manual and you must also follow them. Also make sure that any other users receive a copy of this manual and your own instructions and that they have read and understood them. Any failure to follow the instructions may result in electric shocks, fire and very serious injuries.

Check the cable and the ON/OFF switch on the tool at regular intervals. Have the cable and/or switch repaired immediately in an authorized repair center if it / they are damaged. Following this instruction will reduce the risk of serious injuries, electric shocks and fires.

Check the saw at regular intervals for signs of damaged parts and to ensure that it is in perfect working order. Do not use the saw if it is damaged or malfunctions. Damage and malfunctions must be repaired / rectified immediately. Check at regular intervals whether moving parts are correctly aligned and are not seized. Also check that no parts are broken and that there are no other problems with the tool. Damaged parts, particularly the safety hood, must be repaired by an authorized workshop. Following this instruction will reduce the risk of a possible electric shock, fire or serious injury.

ABOUT THESE INSTRUCTIONS

Cutting a work piece with this saw can release the chemicals contained therein which may be potential causes of cancer, congenital defects and other reproductive problems. Examples of these chemicals include the following:

- Lead from coatings
- Crystalline quartz from bricks, cement and various masonry products
- Arsenic and chromium from chemically treated timber
- How high your personal risk is dependent on how often you work with such materials.
- How to reduce your personal risk when working with harmful dust:
- Always work in a well ventilated area.
- Use a certified dust protection mask which has been specially developed to filter microscopic particles.
- Always remember that when you use this saw foreign bodies may get into your eye which can cause serious eye damage. You must therefore always wear certified goggles with side protection or sealed goggles. If necessary put on a face protection mask before you start to work with the saw.
- Please note that whilst the saw is in use the gearbox head can become very hot. You should therefore not touch the gearbox head.

FITTING THE ADDITIONAL HANDLE

The handle can be fitted on either the left-hand side or right-hand side of the saw. Secure the handle using the screw supplied.

OPERATION

SAW BLADES

Keep the saw blades clean and sharp at all times. Ensure that the saw blades are fitted correctly. A blunt saw blade will reduce the cutting capacity, place additional strain on the saw's motor and increase the risk of recoil.

Ensure that you always have spare saw blades available.

In the event that resin and pitch residue build up on to the saw blade, the blade's speed will be reduced. Remove these residues straight away using special resin removal products, or hot water. Never use petrol to remove these residues.

Never use normal saw blades in this saw. This double blade saw is fitted with specially designed saw blades. The use of other saw blades is not permitted and may result in very serious injuries.

PIVOT SAFETY HOOD

Never make any modifications to the pivot safety hood fitted on the saw. This hood provides you with safety and protection.

Before you use the saw check the pivot safety hood to ensure it is in perfect condition and in perfect working order.

The saw must not be used if the pivot safety hood is damaged or closes slowly or requires a great deal of effort to close. In this case have the safety hood repaired or replaced without delay by an authorized workshop.

If you have dropped the saw, check the pivot safety hood and the fence edge for all cutting depths for signs of damage.

If the pivot safety hood moves freely and returns straight away to its closed position, it is in correct working order.

If the pivot safety hood cannot be closed without problems, the saw must immediately be withdrawn from use. It must be repaired by an authorized workshop before being used again.

Always leave the safety hood in its prescribed working position when you are working with the saw.

When you are sawing through a work piece, the pivot safety hood does not cover the saw blade on the underside of the work piece. You should therefore keep your hands, fingers and all other parts of your body away from the sawing area of the exposed saw

blade. Any contact between parts of your body and the rotating saw blade will result in very serious injuries.

SAWING

Always use the saw as set out in these instructions. Always support the work piece near the cut (for example using a saw stool or the like).

Always secure the work piece so that the cut is on your side.

Always secure the work piece in a suitable device. The work piece must not be able to move whilst it is being sawn.

Draw the line of the cut in pen on the work piece before you start the cut.

Position the front of the saw blades on the actively supported part of the work piece.

Never position the saw on the part of the work piece which will fall after the cut has been completed.

Always keep the cable away from the sawing area. Route the cable so that it cannot become caught up on the work piece.

Maintain concentration at all times when using the saw and keep it under control. This will make the sawing work easier and above all safer.

If you lose your concentration whilst using the saw and thus lose control of the saw, it may cause accidents and serious injuries.

In the event that the cable becomes caught on the work piece whilst you are sawing, release the ON/OFF switch immediately. Immediately pull the plug out of the socket, check the cable for signs of damage and then route it so that it can no longer become caught on the work piece.

In the event that the cable has been damaged, the saw must be withdrawn from use straight away. A damaged cable may result in serious injuries or even death. Before you use the saw again have the cable replaced by an authorized workshop.

Push the ON/OFF switch forwards to switch on the saw. Release the ON/OFF switch again to switch off the saw. After you have switched on the saw, wait until the saw blades have reached their top speed before you place them on the work piece.

If the saw blades are brought into contact with the work piece before they have reached their top speed, this can result in recoil and serious injuries.

Guide the saw calmly and with uniform pressure through the work piece as you are using it. If you exert excessive pressure it will result in irregular cutting results and will also reduce the service life of the saw blades and saw. It may also cause recoil.

When you are sawing through a work piece, the pivot safety hood does not cover the saw blade on the underside of the work piece. You should therefore keep your hands, fingers and all other parts of your body away from the sawing area of the exposed saw blade. Any contact between parts of your body and the rotating saw blade will result in very serious injuries.

When you have sawn through the work piece and you then raise the saw off the work piece, the saw blades will be exposed until the pivot safety hood closes. Ensure that the safety hood is completely closed before you put down the saw.

When cutting metals such as aluminium, copper, stainless steel or cast iron, always use the

integral lubrication device since these material tend to adhere to the saw blades. When sawing these materials, pay very close attention to ensuring that the direction of the saw is always parallel to the saw blade since otherwise the saw blade will become so hot that it could burn or the damage the saw teeth.

FEED

The feed speed is the speed at which you push the saw blades through the material. The correct speed depends on the hardness and thickness of the material.

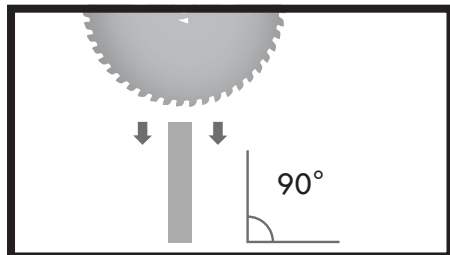
Finding the correct feed speed:

If the feed speed is too low, the saw blades will only exert pressure on the material instead of cutting through it. The result of this is that the edges of the saw blades slip which results in wear on the material. This then results in poor cutting quality and excessive wear on the saw blades.

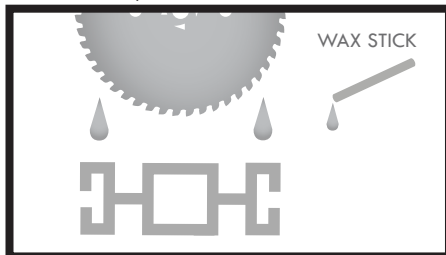
If the feed speed is too high there is a high risk that the cut will crack. These cracks generally tend to increase in size so that ultimately the material fractures, which may cause very serious injuries.

INSTRUCTION FOR CUTTING VARIOUS CROSS SECTIONAL MATERIALS

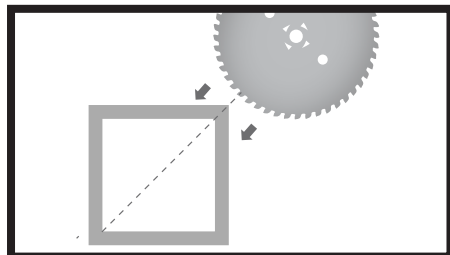
FLAT SCRIP



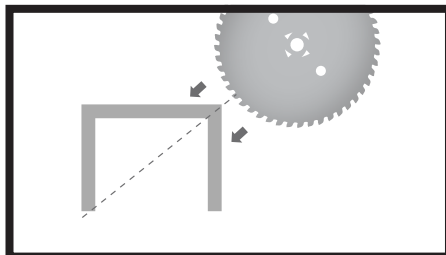
ALUMINUM /COPPER



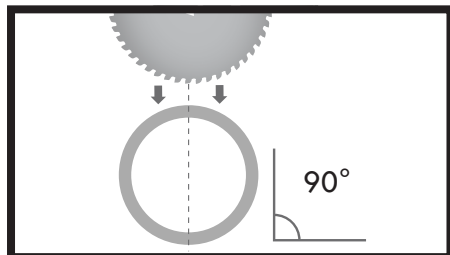
SQUARE TUBE



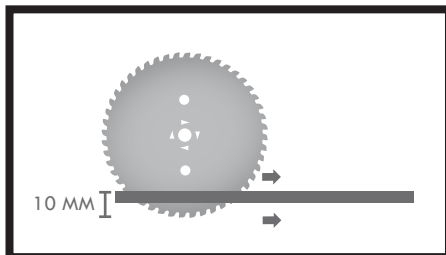
U PROFILE



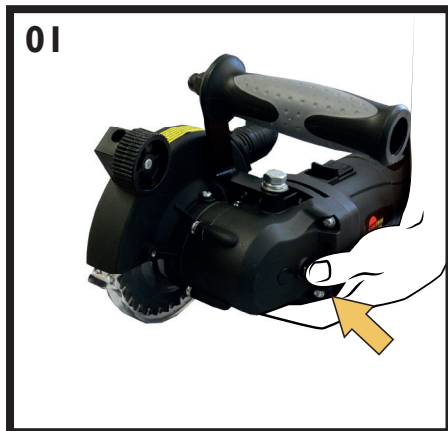
ROUND TUBE



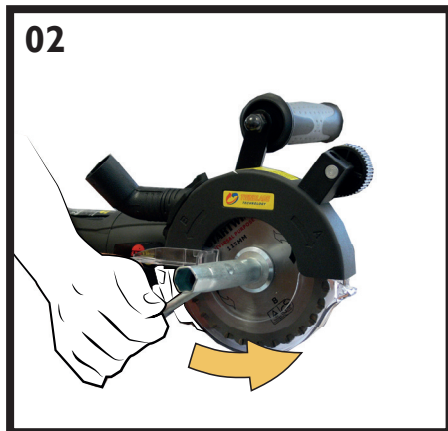
THING SHEET METAL



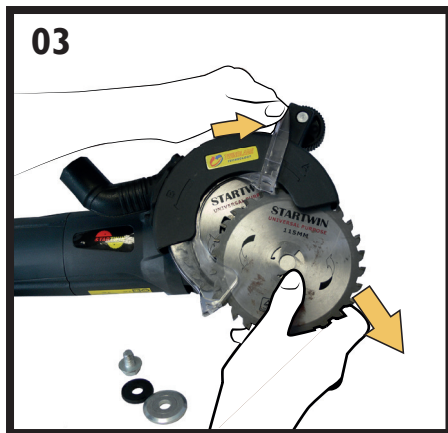
REMOVAL / REPLACE OF SAW BLADES



Press and hold button.



Holding button. Affix key tool on bolt. Unscrew and remove bolt by rotating in counter-clockwise direction.



Open blade guard and remove blade FACE 1 first and blade FACE 2 second.



To replace blades, affix new blade FACE 1 first and blade FACE 2 second.

Important Note: Blade sets and labeling vary slightly, and may be labeled FACE 1 and FACE 2, or FACE A and FACE B.

LUBRICATION

- The blades are equipped with “Dry Cut” teeth. As a rule these need not be lubricated. However, in extreme cutting conditions, cutting paste (wax) can be applied.
- When cutting Aluminium /Copper/ Stainless steel and cast iron, the lubricating device must always be used.
- We recommend that you buy cutter paste in rod form, available from your nearest dealer.
- Insert a cutter paste rod.



IMPORTANT! The lubricating paste is added by turning the feeder wheel. Dosage as required.

MAINTENANCE AND CARE

Pull the mains plug out of the socket and allow the saw to cool down before starting any assembly, modification and servicing work. This will prevent the saw being started by accident. Use a damp cloth to clean the plastic parts. Do not use cleaning products, solvents or sharp objects. Clear the ventilation openings and moving parts from deposits of dust at regular intervals using a soft brush or paintbrush. Resin and other substances that accumulate on the sides of the saw blades can cause the blade to overheat which can make the blade bend or even crack. You should therefore always clean the saw blades with great care. Never scrape the saw blade clean using hard objects. Remove these residues using special resin removal products, hot water or kerosene. Never use petrol to remove these residues. After you have cleaned the saw blade or when the saw is not in use, the blades should be treated with an anti-corrosion product. Store the saw in a dry place. We do not recommend that you use this saw to cut glass fibre products, plasterboard, filling compound or plastic for lengthy periods of time as a result of the high friction caused by these products. If you nevertheless have to cut these products, we recommend that you stop at regular intervals and clean the machine with a jet of compressed air. Always wear safety goggles with side protection or sealed goggles and a dust protection mask when using a jet of air to clean dust deposits off the saw. The bearings in this saw are lubricated for the entire service life of the saw. No other lubrication is required. The use of an extension cable may result in a slight loss of power. To prevent this loss of power and excessive heat generation in the extension cable, you must use a cable with a sufficiently large cross-section.

TROUBLE SHOOTING

PROBLEM	CAUSE	SOLUTION
Very high spark generation	1. Damaged teeth 2. Feed speed is too slow 3. Blunt teeth	1. Replace blades 2. Increase feed speed 3. Replace blades
A lot of wear in sections	1. Feed speed is too fast 2. Damaged teeth 3. Blunt teeth 4. Not cutting parallel or perpendicular to work surface	1. Reduce the feed speed 2. Replace blades 3. Replace blades 4. Hold saw parallel to work surface
Blades are breaking	1. Damaged teeth 2. Feed speed is too fast 3. Blunt teeth 4. Blades have buckled 5. Blades have burned out	1. Replace blades 2. Reduce feed speed 3. Replace blades 4. Replace blades 5. Replace blades

TECHNICAL DATA

DESCRIPTION	Mod. CS 450 / BLACKSTAR 115
Motor Power	1050W
Voltage EU	230V / 50Hz
Voltage UK	240V / 50Hz
Voltage US	120V / 60Hz
Blade Diameter	115mm
No Load Speed	5500RPM
Depth of Cut (Max.)	25mm

REPAIRS & ENVIRONMENTAL PROTECTION

Use only the accessories and spare parts recommended by the manufacturer. If the machine suffers a failure despite our quality controls and your care, have repair work carried out only by an authorised electrician.

DISPOSAL OF OLD ELECTRICAL & ELECTRONIC EQUIPMENT

Do not simply dispose of the machine, accessories and packaging in the dustbin, instead send it for recycling.

This small effort will help our environment. For more detailed information about recycling of this product, please contact your local Council, your household waste disposal service,



or the place where you purchased the product.

This symbol on the product or on its packaging indicates that this product (including batteries) shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources.

LIMITED & EXTENDABLE WARRANTY

WARRANTY/REPAIR

Our Priority is striving to provide you the best customer service. We guarantee to address your problem, question or concern within 24/48 hours from receipt during normal business hours.

Important! WARRANTY ACTIVATION IS REQUIRED online or via email/online. Please visit the official WARRANTY ACTIVATION section of our website OR email your completed Warranty Information Card, located in your instruction manual, to customer.service@home-shopping-express.com. Activation not only protects your investment with individual registration to the warranty program and provides exclusive access to amazing offers and new products!

When you have a specific question or concern, including technical questions, you may contact our Customer Service Center directly and a member of our team will be pleased to assist with (Monday - Friday 09:00 / 17:00)

CUSTOMERS IN UK (+44)(0)845 302 5761

CUSTOMERS IN SPAIN: (+34) 971 39 95 13

CUSTOMERS IN FRANCE: (+33) 0361080716

If you contact our Customer Service Center during non-business hours or if all of our representatives are helping other customers, please do not hesitate to leave a message on the answering machine and a member of our team will return your call - Guaranteed! HSE stands behind all of our products and suppliers with a firm commitment to quality and superior service. We promise to make every effort to ensure products are quality control tested and without malfunction or damage prior to leaving our distribution centers. In the event a return is necessary, you must first request a Return Materials Authorization (RMA) number. You will have to use your warranty card (DUAL SAW/STAR TWIN VIP MEMBER Card). In preparing your return shipment, please make sure to clearly indicate the RMA# (Return Materials Authorization number) on the outside of your package to ensure efficient return processing upon return to our Warehouse. If the RMA is not indicated, we may refuse the return. Without an RMA, we are not able to confirm receipt of

your return or process an exchange/refund.

WARRANTY

The Manufacturer's warranty is limited to the terms set forth in the Warranty Information Card provided in the product instruction manual, or listed in the conditions listed in the section below: "2 YEARS SERVICE PROTECTION PLAN- LIMITED WARRANTY POLICY" The Warranty Information Card must be completed and returned per the instructions above (unless activated online) within 30 days from the order date. The EXTENDED 1-YEAR WARRANTY begins 2-Years or 730 days from the date of the order. Importantly, your warranty may be deemed null and void if the manufacturer's VIP MEMBER Warranty Card was not activated online or via fax. The VIP MEMBER CARD provided with your machine or written in the product instruction manual must be activated online or via fax within 30 days from your original order date. A replacement instruction manual, as well as the Warranty Card, is available upon request via phone or email. Your full satisfaction is our goal - and in most cases we are flexible to varying situations, so please do not hesitate to contact us.

Every Startwin tool is thoroughly inspected and tested before leaving the factory. If you are not satisfied with any Startwin tool within 7 days of purchase, return it and HSE will provide a replacement or refund. Startwin cutting tools are warranted to be free of defects from workmanship and materials for the period of TWO YEARS from the date of shipment from our warehouse. During this two-year period, if you have any problems please contact our Customer Service Center and request an exchange or return, then with your RMA and the instructions above, please return the tool inside an acceptable mailing carton/box, without the blades or accessories to the address provided by your retailer. Important: Blades, accessories, spare parts, laser, guide ruler, replacement blades, diamond replacement blades, cutting stand etc. are NOT covered under this warranty. Any accessory items, including accessories and blades will NOT be returned or exchanged. Important for Orders of: Package Precision set, all conditions precision Set, and Workstation Deluxe. Please return the tool freight prepaid, with the RMA# number clearly marked on the package (Returns without RMA number will NOT be accepted).

Only orders with an RMA (Return Materials Authorization) from our Customer Service Center will be accepted:

IN ANY CASE: Please contact your local Retailer/Distributor or/Importer for detailed return instructions.

The easiest and fastest way to request a RMA (Return Material Authorization number) is via email to our Customer Service Center.

EMAIL: customer.service@home-shopping-express.com

If you prefer the convenience of a personalized and immediate response in writing from one of our team members without waiting on a phone line, do not hesitate to sending your inquiry via email. Our Customer Service Email allows you direct contact with the manufacturer's technical support service and our returns processing department. Feel free to ask any questions, and receive a response in less than 24 to 48 hours during nor-

mal business hours and if you can also request a Return Materials Authorization (RMA).

CUSTOMER SERVICE

Business Hours: Monday - Friday 09:00 / 17:00

Please have the following information ready: part number or model, detailed description of problem, and the original purchase order information. All the data collected from the customer service will be forwarded immediately to our Technical Service who will send you a response by email including the full return/exchange procedure to proceed the return (unless a phone response is specifically requested). We guarantee to answer all your questions, and resolve any concerns.

Within 2-Years from the date of purchase, we will perform free of charge electrical, safety and performance checks, lubrication and replacement of parts worn under normal use. Performed at factory service centers only, transportation and freight are the responsibility of the customer. Our warranty policy is very simple; we want you to experience superior service. It means having detailed answers and immediate solutions to every question or concern. That's why we've decided to not repair the damaged machines but instead to provide our customers a new replacement machine (blades and accessories not included). We can provide spare parts upon request.

The first step is always that we have to receive your machine. Once we'll receive your machine, we'll proceed with an inspection and test to determine that the problem is covered under warranty. We appreciate if you provide any information, regarding the problem to our customer service team, or with your return package. If inspection shows that the problem was caused by a defective part, including workmanship or material, Startwin will send spare parts (or at our option, replace without charge.)

This Warranty does not cover the following, where:

- Repairs have been made or attempted by others
- Repairs are required because of normal wear and tear
- The tool has been abused, misused or improperly maintained
- Alterations have been made to the tool
- Parts are missing

This limited warranty does not apply to accessory items such as circular saw blades, drill bits, router bits, jigsaw blades, grinding wheels, batteries and other related items.

In no event shall HSE be liable for any indirect, incidental or consequential damages from the sale or use of the product. This disclaimer applies to both during and after the term of this warranty. Startwin disclaims liability for any implied warranties, including implied warranties of "merchantability" and "fitness" for a specific purpose, after the one-year extendable term of this warranty.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

If you have any questions or concerns, we are happy to help. Please do not hesitate to contact a member of our dedicated customer service team.

OPTIONAL BLADES AND ACCESSORIES



STAD115TU

TUNGSTEN 115

For universal purpose



STAD115SS

STAINLESS STEEL 115

Especially for Stainless Steel



STAD115DI

DIAMOND 115

Stone, Tile, Marble, Ceramic...



STAD115GL

GLASS CUT 115

Especially for Glass



STAGR115

GUIDE RULER

Accessory for straight cuts



STALA

LASER GUIDE

Accessory for precise and straight cuts



STALSP115

SPINLASER

Accessory for perfectly straight cuts.

DECLARATION OF CONFORMITY (DoC)

Home Shopping Express, S.A.

Declares that the product:

Circular Saw (Double Saw Blades): Dual Saw CS 450

Complies with European Directives:

2004/108/EC - EMC Electromagnetic Compatibility

2002/96/EC - EC WEEE Directive

2002/95/EC (RoHS) [Last amendment: 2010/571/EU]

1907/2006 REACH

2006/42/EC Machinery Directive

2006/95/EC Low Voltage Directive

Tests performed according to the relevant sections of:

EN 55014-1:2006, EN 55014-2:1997+A1+A2

EN 61000-3-2:2006, EN 61000-3-3:2008

Annex 1 of 2004/1008/EC

IEC62321, Ed. 1

ICP-Screening / GC-MS Screening

Screening of 46 SVHC issued by European Chemicals Agency (ECHA)

Screening of 3 proposed SVHC in August 30, 2010 published by European Chemicals Agency (ECHA)

EN 60745-1, EN 60745-2-5, ZEK 01.2-08/12.08

Annex 1 of 2006/42/EC

Annex 1 of 2006/95/EC

Tests performed by:

TÜV Rheinland / CCIC (Ningbo) Co., Ltd.

3F, Building C13, R&D Park, No.32, lane 299 Guanghua Road, National Hi-Tech Zone
Ningbo 315049, P. R. China

The Technical Construction File is maintained by

Christine Boulent at the Home Shopping Express, head office address listed:

DUALSAW®

BY STARTWIN

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Hana Komurka - Responsible Person on behalf of Home Shopping Express, S.A.
29-March-2012 - Home Shopping Express Head Office, Ibiza.

Patents apply. Registered design. The DualSaw logo is a registered trademark.
Made in PRC. WEEE, REACH, RoHS Compliant.

Version 10042012

Imported and distributed by:
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